## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S150	504	(servo near2 (wedge data sector spoke)) and ((spin\$4 near2 up) spin\$1up)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 22:47
S149	13	(servo near2 (wedge sector field)) and ((lack\$3 without with\$1out exclud\$3 preclud\$3) near4 ((zero near2 frequenc \$3) or zero\$1frequency or (dc near2 (erase signal pattern))))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 22:47
S151	3	S150 and ((without miss\$3 lack\$3) near5 (DC eras\$3 (zero near2 frequenc\$3)) near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 22:50
S152	137	dis\$1 and ((DC eras\$3 (zero near2 frequenc\$3)) near2 (data pattern field region)) and (spin\$1up spin-up spinup)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 22:51
S154	8	dis\$1 and ((spin\$4 near2 up) spin\$1up) same ((detect\$3 determin\$5) near3 (head transducer) near4 (location position\$3)) and ((DC (zero near2 frequenc\$3)) near3 (field data pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 22:54
S155	25	("20030002189"   "20030048560"   "20030048562"   "20030053245"   "4920434"   "5036408"   "5065262"   "5255136"   "5375145"   "5381359"   "5384671"   "5576904"   "5661760"   "5796535"   "5812336"   "5822143"   "5909336"   "5966258"   "6108151"   "6122131"   "6181505"   "6233715"   "6295176"   "6519107"   "6560054").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/06 22:58
S156	14885	(360/48,51,53,75,77.02).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2010/06/06 23:04
S157	161	S150 and S156	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 23:07
S158	3	S157 and ((without miss\$3 lack\$3 avoid\$3 eliminat\$3) near5 (DC eras\$3 (zero near2 frequenc\$3)) near2 field)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 23:08

S162	325	dis\$1 and ((without delet\$3 eliminat\$3 eras\$3 avoid\$3) near4 ((DC (zero near2 frequenc\$3)) near3 (field pattern signal))) and ((head transducer) near4 (location position\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 23:12
S163	114	S156 and S162	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/06 23:14
S164	111	dis\$1 and (servo near2 (field sector wedge)) and (spin\$4up spin\$1up (spin\$3 near2 up)) with (DC (zero near2 frequency))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:05
L1	51	dis\$1 and (servo near2 (field sector wedge)) and ((spin\$4up spin\$1up (spin\$3 near2 up)) same (DC (zero near2 frequency)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:25
L2	14	("4920434"   "5036408"   "5065262"   "5255136"   "5576904"   "5661760"   "5796535"   "5812336"   "5909336"   "6108151"   "6122131"   "6181505"   "6295176"   "6738205").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/07 00:26
L3	136	dis\$1 and (spinup "spin-up" spin\$4up (spin adj2 up)) and ((zero near2 frequenc \$3) or zero\$1frequency or dc near2 (erase signal pattern))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:30
L4	31	3 and 360/48,51,53,75,77.02,77.08.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:32
L13	6	dis\$1 and (spin\$1up (spin near2 up)) and ((eliminat\$3 without avoid\$3 devoid\$3) same ((DC or (zero near2 frequenc\$3)) near2 (field pattern data)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:42
L12	1	dis\$1 and (spin\$1up (spin near2 up)) and ((eliminat\$3 without avoid\$3 devoid\$3) with ((DC or (zero near2 frequenc\$3)) near2 (field pattern data)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:42
L14	17	dis\$1 and (spin\$1up (spin near2 up) "spin- up") and ((eliminat\$3 without less avoid\$3 devoid\$3) same ((DC or (zero near2 frequenc\$3)) near2 (field pattern data signal)))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:43
L17	116	("20030002189"   "20030048560"   "20030048562"   "20030053245"   "5375145"   "5381359"   "5384671"   "5576904"   "5661760"   "5796535"   "5812336"   "5818659"   "5862005"   "5909336"   "6122117"   "6233715").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/07 00:45

L16	9	15 and ((zero near3 frequenc\$3) or DC)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:45
L15	46	(((spin\$4 near2 up) or spin\$1up) near2 wedge)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:45
L20		track field)) and (spin\$1up (spin near2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2010/06/07 00:47

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